

Name: _____

Hour: _____

Study Guide: LS 2 Test
"Propeller-Car Challenge"

Date of Test : _____

Choose at least 2 of the following study methods

- ☐ Make flash cards
- ☐ Write out answers to study guide
- ☐ Have someone quiz you
- ☐ Write a practice test and then take it

Know the following terms and concepts:

- forces
 - action
 - reaction
 - normal
 - friction
 - gravity
 - net force
 - contact
 - non-contact
 - tool for measuring
 - unit
- kinetic energy (definition & examples)
- potential energy (definition & examples)
- variables (definitions & examples)
 - independent (manipulated)
 - dependent (responding)
 - controlled
- components of a well-designed experiment

- Newton's 3 laws of motion
 - 1st:
 - 2nd:
 - 3rd:
- acceleration
- weight vs. mass
- work
- trend
- energy
- What 2 factors affect gravitational pull and how does each affect it?

